

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number  
**WO 2005/014394 A1**

(51) International Patent Classification<sup>7</sup>: **B64D 1/16**

(21) International Application Number:  
PCT/CY2004/000004

(22) International Filing Date: 5 August 2004 (05.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
20030100339 7 August 2003 (07.08.2003) GR

GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant and

(72) Inventor: PAYASSIS, Roger [CY/CY]; 26, Georgiou Gennadiou Street, P.O. Box 50460, Limassol 3605 (CY).

(74) Agent: MICHAEL KYPRIANOU & ASSOCIATES; Corner Kanniggos & Griva Digeni Avenue, Pamelva Building, Office 205, P.O. Box 52441, Limassol 3035 (CY).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,

Declaration under Rule 4.17:

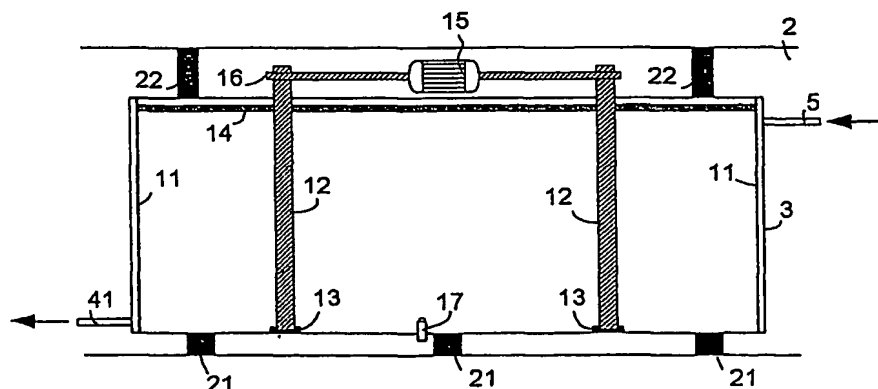
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FIRE FIGHTING HELICOPTER



(57) Abstract: This invention provides a fire fighting Helicopter of the type which includes in the fuselage (2) tanks (3) filled with fire fighting fluid for putting out fires. The fire fighting Helicopter has a launcher for the fire fighting fluid under pressure and is found in the front lower part of the pilot's deck. The fire fighting Helicopter is also characterised for the fact that a plate (14) in the main tank of the fire fighting fluid is moving up and down vertically so that the fluid is kept stable between the moving plate, the bottom of the

main tank and the side walls of the main tank and in this way the centre of gravity is stable.